Journal of Assisted Reproduction and Genetics, Vol. 9, No. 6, 1992

Author Index

Abedel Halim, M. S., 488
Abyholm, T., 19
Aboulghar, M. A., 238
Abozeid, M. A., 488
Adler, A., 94, 97, 197
Al-Hussaini, T., 402
Al-Shawaf, T., 424
Alikani, M., 94, 97, 197
Altieri, E., 350
Alvarez, S., 404
Amin, Y., 238
Amit, A., 265
Ammala, P., 299
Amodai, I., 83
Antoine, J. M., 404
Aono, T., 106
Applebaum, M., 458, 497
Arvanti, K., 233
Asch, R. H., 513
Auger, J., 564

Badenas, J., 462
Bahary, C., 102
Baroud, K. M., 439
Bastiaans, B. A., 345
Ben Nun, I., 102
Ben-Shlomo, I., 83, 228
Benito, J. A., 61
Bennett, S. J., 271
Berger, M. J., 36
Bergers, M., 259
Bergh, P. A., 429
Berkely, A., 197, 338
Berkowitz, A. S., 124
Berns, M. W., 303, 513
Beyth, Y., 102
Bielfeld, P., 32
Blacker, C. M., 484
Bocca, S., 557
Bolton, V., 271, 506
Bomsel-Helmreich, O., 564
Bongso, A., 191, 545
Bozorgi, N., 458
Braithwaite, C., 248
Brambati, B., 299
Brandt, T., 285
Bras, M., 68
Braverman, A. M., 353
Brieu, V., 404
Bromham, D. R., 90
Buck, S., 402
Buyalos, R., 281

Caffarelli, M., 458
Calafell, J. M., 365, 462
Calderon, I., 482
Canseco, R. S., 454
Cardone, V. R. S., 580
Carlon, N., 475
Carnegie, J., 45
Cedars, M. I., 251
Chan, S. T. H., 80
Chan, Y. F., 80
Chan, P. J., 531
Chase, J., 248
Check, J. H., 248
Chen, S. U., 534
Chiu, T. T. Y., 524
Cieslak, J., 328
Clark, A., 289
Coddington, C. C. III, 217, 557
Cohen, J., 86, 94, 97, 197, 338
Corcóstegui, B., 61
Cornet, D., 404
Corson, S. L., 353
Craft, I., 424
Crombie, A., 482

Dale, P. O., 19
Damewood, M., 133
David, S. S., 9
Davis, O., 197, 338
Daya, S., 177
DeCherney, A. H., 244, 311
de Mouzon, J., 406
De Sutter, 254, 328, 572
Debey, P., 564
Dehan, M., 406
Dhont, M., 254
Dimitriadou, F., 233
Dixon, L. L., 77
Dor, J., 83, 228
Dozortsev, D., 328, 572
Dubey, A. K., 580
Dubin, N. H., 133
Dumez, Y., 299
Dumoulin, J. C. M., 68, 259
Dyban, A., 328, 572

Egozcue, J., 365, 462
Eisenberg, C., 564
Elattar, I., 238
Elizur, A., 161
Endo, Y., 391
Enginsu, M. E., 259
Escudero, F., 350
Estop, E. M., 462
Etchin, A., 83
Evers, J. L. H., 68, 259

Fabres, C., 350
Fausane, M. E., 497
Feldberg, D., 161
Fernandez, E., 345
Ferrara, T. A., 197
Fourie, L. R., 539
Fournet, N., 281
Francis, M. M., 283
Froster, U., 299
Frydman, R., 406
Fukuda, A., 378
Furuya, S., 384

Garcia, M., 407
Gatala, V., 462
Gelety, T. J., 281
Geraedts, J. P. M., 68, 259
Gerbie, M., 497
Ghetler, Y., 102
Gleicher, N., 2
Ghani, A., 488
Ghodgaonkar, R., 133
Ginsburg, K. A., 484

1058-0468/92/1200-0587$06.50/0 © 1992 Plenum Publishing Corporation

Ginsburg, N., 299, 458, 497
Giorgetti, C., 475
Goldman, J., 161
Gomel, V., 306
Gonzales, J., 211
Gordon, J., 128, 184
Gosden, R. G., 118
Goverde, H. J. M., 345
Graf, M., 197, 338
Grazi, R. V., 318
Grifo, J., 197, 207, 338
Guadarrama, A., 350
Gutmann, J. N., 244
Gwazdauskas, F. C., 149, 454

Hamberger, L., 41
Hamilton, F., 251
Hammitt, D. G., 439
Harada, T., 551
Harrington, N. A., 580
Harris, D., 36
Hatsaka, H., 358
Hauser, R., 265
Hearn, M. T., 24
Hiller, S. L., 77
Ho, H. N., 534
Ho, P. C., 80, 513
Hollanders, H. M. G., 345
Holzgreve, W., 299
Holmgren, W. J., 32, 358
Holt, J. A., 14
Homonnai, Z. T., 265
Honig, S., 36
Hood, C. C., 439
Houle, M., 24
Huang, S. C., 534
Hughes, E. G., 177
Huynh, D., 251
Huyser, C., 539
Hwang, J. L., 534

Ibrahim, M., 402
Ignoul-Vanvuchelen, R. C. M., 68
Ikuyo, K., 113
Imoedemhe, D. A. G., 53, 155, 323, 488
Inagaki, S., 113
Ironside, W., 170
Ishikawa, M., 447
Iwabe, T., 551

Jackson, L., 299
Janssen, H. J. G., 345
Jeyendran, R. S., 32, 358
Jih, M. H., 281
Johnson, M. P., 484

Kagawa, T., 106
Kaneti, H., 102
Karasik, A., 228
Kaufman, R. A., 557
Kim, M. H., 373
King, A., 531
Kirby, C., 139
Krzyminska, U., 583
Kuliev, A. M., 293
Kwon, H., 133

Lai, Y. M., 338
Lambert, H., 407
Laufer, N., 128, 222
Lavy, G., 244
Lazendorf, S. E., 358
Ledger, W., 289
Lee, T. Y., 534
Lefebvre, G., 211
Lesourd, S., 211
Less, A., 102
Léveillé, M.-C., 45
Levran, D., 83, 228
Lewin, A., 222
Lessing, J. B., 265
Licciardi, F., 207
Lin, H. R., 534
Lin, J., 557
Liow, L., 191
Liu, H. C., 191, 338
Lopata, A., 508
Lopez, T., 350
Lotan, Y., 418

McCaffrey, C., 149
McEvoy, T. G., 149
McInnes, R. A., 580
Macaso, T., 283
Mackenna, A., 350
Macnaughton, M., 179
Magnus, Ø., 19
Malter, H. E., 97, 197
Mandlebaum, J., 404
Mansour, R. T., 238
Mantzavinos, T., 233
Mashiach, S., 228
Marcovici, J., 285
Marr, B., 251
Meldrum, D. R., 251, 427
Melinda, S., 534
Mendoza, M. R., 57
Merari, D., 161
Mettler, L., 402
Metzger, D. A., 491
Miller, F., 373
Miller, K., 373
Miller, T. M., 439
Mio, Y., 551
Modan, B., 161
Modell, B., 293
Moghissi, K. S., 484
Montag, M., 191
Moore, C. M., 57
Mordel, N., 128, 222
Mori, T., 274, 293
Muasher, S. J., 217
Munne, S., 462
Munro, J. M., 170
Murayama, S., 106

Nachtigall, R., 407
Nader, S., 124
Nakamura, K., 113
Narimoto, K., 274
Narita, O., 113
Navarro, A., 475
Navot, D., 429
Nazari, A., 248
Neev, J., 303, 513
Ng, S. C., 191, 545
Newton, C. R., 24
Nozawa, S., 391
Nishida, S., 106
Noda, Y., 274
Nogues, C., 365
Nonogaki, T., 274
Norman, R., 289
Nowroozi, K., 248
Nulsen, J. C., 491

Oates, R. D., 36, 580
Oba, M., 384
Ohad, S., 128
Olazo, A. B., 53, 155
Olesnicky, G., 289
Olivennes, F., 406
Onohara, Y., 551
Oosawa, M., 113
Ord, T., 513

Pacpaco, E. A., 53, 155
Parsons, J., 271
Patterson, 217
Paulson, R. J., 283, 400
Paz, G. F., 265
Pearson, R. E., 454
Pennehouat, G., 564
Penzias, A., 244
Perl, A. Z., 83
Peyser, M. R., 265
Phocas, I., 233
Pieters, M. H. E. C., 68, 259
Philipatos, D., 149
Plachot, M., 404
Ponsa, M., 365
Porter, R., 583
Prado, J., 350
Pratt, D. E., 14

Ratnam, S. S., 191
Rhoads, G., 299
Richard, P., 211
Reing, A. M., 97, 197
Rizos, D., 233
Rock, J., 133
Rosenwaks, Z., 9, 94, 197, 207, 338
Rotnam, S. S.,
Roudebush, W. E., 378
Roulier, R., 475
Rousseau, M. F., 484
Rufat, P., 406
Ryan, J., 583

Sacco, A. G., 484
Salat-Baroux, J., 404
Santalo, J., 365, 462
Sathananthan, A. H., 139, 191
Saunders, D., 583
Sauer, M. V., 283, 400
Schaffer, N., 358
Schellekens, L. A., 345
Schenken, R. S., 57
Schenker, J. G., 3, 128, 180, 222, 411
Schuetz, A. W., 133
Schumacher, G. F. B., 14
Scoccia, B., 285
Seidman, D. S., 228, 418
Seifer, D. B., 244
Sengoku, K., 447
Seoud, M. A-F., 217
Serafini, P. C., 57
Seraj, I. M., 531
Seraj, M., 531
Serour, G. I., 238
Shamma, F. N., 244
Sharlip, I., 407
Shaw, J., 139
Shi, H., 373
Shibata, H., 113
Shields, L. E., 57
Shilon, M., 102
Shimizu, T., 447
Shulman, A., 102
Siegal, A., 102
Sigue, A. B., 53, 155, 323, 488
Simonetti, S., 557
Simon, A., 222
Simpson, J. L., 299
Sjöblom, P., 41
Sjögren, A., 41
Smidt-Jensen, S., 299
Smith, G. C., 170
So, W. K., 80
Sparks, A. E. T., 454
Stangel, J., 9
Steinhoff, M. M., 491
Steinleitner, A., 407
Streenan, J. M., 149
Strom, C. M., 89, 182, 422, 458
Su, B. C., 531
Suganuma, N., 113
Suzman, M., 197
Suzuki, S., 384
Swanson, R. J., 557
Syrop, C. H., 439

Tadir, Y., 303, 513
Talansky, B. E., 94, 197
Tam, P. P. L., 524
Tamate, K., 447
Tanbo, T., 19
Tanikawa, 551
Tanphaichitr, N., 45
Taylor, P. J., 306
Tejada, M. I., 61
Terakawa, N., 551
Tesarik, J., 313
Thatcher, S. S., 378
Tibi, C., 404
Tok, V., 191
Tomoda, Y., 113
Tredway, D. R., 531
Trounson, A., 139
Trowbridge, J., 197

Umaoka, Y., 274

Van Dreden, P., 211
Van Voorhis, B. J., 439
Van Wissen, B., 564
Vanderkerckhove, D., 254
Vasuthevan, S., 545
Vauthier, Brouzes, 211
Veeck, L. L., 86, 557
Verlinsky, Y., 299, 328, 458, 497, 504, 572
Vignovic, E., 14
Viti, D., 9

Walker, D. L., 439
Wentz, A. C., 32, 358
Wetzels, A. A. M., 345
White, M., 458
Winston, R. M. L., 309
Wisot, A., 251
Witkin, S. S., 9, 207
Wolf, G., 328
Wolmarins, L., 539
Wolowelsky, J. B., 318
Wood, C., 482
Wu, T-C. J., 281

Yamano, S., 106
Yang, Y. S., 534
Yavetz, H., 265
Yeung, W. S. B., 80
Yogev, I., 265
Younis, J. S., 222
YoungLai, E. V, 177
Yuzpe, A. A., 24

Zarutskie, P. W., 77
Zegers-Hochschild, F., 350
Zentner, B., 128
Zourlas, P. A., 233

Subject Index

Acrosome reaction, 191, 384
Antisperm antibodies, 9, 345
Anxiety, 161
Asthenospermia, 53
Asynchronous development, 61

Bilirubin, 539
Blastocyst, 41
Bovine serum albumin, 45

Caffeine, 155
Capacitation, 391
Cervicovaginal fluid, 14
Chlamydia trachomatis, 207
Chlortetracycline fluorescence assay, 384, 391
Chorionic villus sampling, 458
Chromosome abnormalities, 462
Chromosomal analysis, 57
Chromosomal mosaicism, 68
Controlled ovarian hyperstimulation, 19
Counseling, 24
Cortisol, 161
Cryopreservation, 139, 265, 323
Culture volume, 454
Cumulus, 323
Cystic fibrosis, 36
Cytogenetics, 254, 328, 572

DNA vectors, 531
Density, 454
Depression, 161
Dimethyl sulfoxide, 545
Direct intraperitoneal insemination (DIPI), 19

Early luteinization, 106
Early pregnancy loss, 57
Egg donation, 102
Egg extract, 191
Electrofusion, 191
Electrolyte content, 539
Emotional factors, 24
Embryo culture, 41, 149, 454
Embryo development, 373
Embryo quality, 338
Embryo quantity, 338
Embryo transfer, 106
Embryos, 68
Embryotrophic property, 524
Empty follicle, 233
Endometriosis, 19, 113
Endometrium, 102
Estradiol, 106

Fertilizing ability, 155
Fertilization, 251, 564
Fetus, 118
Fine structure, 475
First trimester, 458
Fluorescence, 564
Follicular aspiration, 238
Follicular fluid, 211, 233, 539
Follicular proteins, 211

Gamete intrafallopian transfer (GIFT), 19
Gamete manipulation, 462
Gamete maturation stage, 462
Genetic parents, 353
Gestational carrier, 353
Germ cell, 118
Glass-wool filtration, 32
Gonadotropin releasing hormone agonist, 113, 238, 244, 254, 338

Hormone secretions, 133
Human, 271
Human chorionic gonadotropin, 124, 244
Human gonadotropins, 14
Human menopausal gonadotropin, 244
Human sera, 45, 524
Human serum albumin, 45
Hypoosmotic swelling test, 259

Implantation failure, 102
Implantation rate, 338
Incubation temperatures, 149
In vitro culture, 551
In vitro fertilization, 9, 24, 41, 57, 61, 68, 106, 113,

1058-0468/92/1200-0590$06.50/0 © 1992 Plenum Publishing Corporation

133, 155, 170, 207, 211, 222, 244, 254, 265, 323, 345, 447, 462, 475, 524
In vitro fertilization failure, 564
In vitro fertilization mouse, 128, 358
In vitro fertilization phases, 161
In vitro fertilization pregnancy rate, 217
Infertility, 265
Inositol, 524
Intrauterine insemination (IUI), 19

Karyotype, 458

Laser fusion, 919
Laser micromanipulation, 557
Leiomyomata, 217
Leuprolide, 251
Lignocaine, 271
Loop feedback, 124
Lowland gorilla, 358
Luteinizing hormone, 106, 124
Luteinizing hormone surge, 124
Luteinizing response, 244

Male infertility, 191
Maternal age, 462
Maturation, 564
Meiotic activation, 133
Meiotic nondisjunction, 572
Meiotic spindle, 139
Microfertilization, 378
Microinjection, 139
Micromanipulation, 191, 358
Microtubules, 139
Microscopic epididymal sperm aspiration, 36
Morphology, 259, 365
Motility, 53, 271, 274
Motives for parenthood, 24
Mouse embryo, 45, 545, 551
Mouse in vitro fertilization, 274, 378
Mouse oocytes, 139, 572
Mouse sperm, 384, 391, 447
Multiple births, 170
Multiple pregnancy, 338
Murine in vitro fertilization, 373
Myomectomy, 217

Nucleic acid synthesis, 551
Number of male pronuclei, 97

Okadaic acid, 572
Oligoasthenoteratozoospermia, 197
1,2 propanediol, 323
Oocyte, 118, 211, 254, 323, 328, 365, 378, 531, 557, 564
Oocyte donation, 222, 350
Outcome, 24
Ovarian failure, 222
Ovarian hyperstimulation syndrome, 238, 358
Ovarian stimulation, 228
Oxidative stress, 271

Papillomavirus, 531
Parenthood, 24
Parenting, 170
Parthenogenetic activation, 328
Partial zona dissection, 36, 197
Partial zona pellucida digestion, 128
Patent fallopian tubes, 19
Periovulatory estradiol, 244
Periovulatory progesterone, 244
Platelet activating factor, 373, 447
Polymerase chain reaction, 531
Polyspermy, 97
Poor responders, 228
Postimplantation mouse embryo culture, 524
Precooled, 323
Premature chromosome condensation, 61
Preimplantation embryo, 551
Progesterone, 106
Prolactin, 161, 233, 251
Protein phosphorylation, 384, 391
Psychology, 353
Puromycin, 328

Results, 350

Scanning electron microscopy, 365
Second polar body, 572
Semen parameters, 345
Serum, 133
Serum estradiol, 14
Social relationships, 170
Social support, 170
Spectrophotometric analysis, 539
Sperm, 9, 155, 139, 259, 265, 271
Sperm factors, 197
Sperm penetration assay, 32
Spermatozoa, 32, 447, 475
Spontaneous abortion, 207, 458
Steroid hormones, 233
Sterile, 118

Subzonal sperm insertion, 97, 197
Superoxide dimutase, 274

Transplant, 118
Triploidy, 68
Tubal embryo transfer, 534
Two cell block, 274
2-deoxyadenosine, 53

Ultra long protocol, 113
Ultrarapid freezing, 545
Ultrastructure, 139
Unexplained failure, 475
Unexplained infertility, 9, 19
Unilateral and bilateral transfer, 534
Uterine preparation, 222

YAG laser, 557

Zona pellucida, 365, 384
Zygotes, 68